Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

EMB

"SECOND AND FINAL BILL"

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 26-4-22, 30-4-22, 5-4-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	RCC Drain						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.05	34.65	
	Ch: 30.00m to 60.00m	1	30.00	1.10	1.05	34.65	
	Ch: 60.00m to 90.00m	1	30.00	1.10	1.05	34.65	
	Ch: 90.00m to 105.00m	1	15.00	1.10	1.05	17.33	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch: 60.00m to 90.00m	1	30.00	1.10	1.00	33.00	
	Ch: 90.00m to 120.00m	1	30.00	1.10	1.00	33.00	
	Ch: 120.00m to 125.60m	1	5.60	1.10	1.00	6.16	
	Ch: 125.60m to 129.80m	1	4.20	1.10	1.00	4.62	
	Culvert Gap						
	Ch: 129.80m to 159.80m	1	30.00	1.10	1.00	33.00	
	Ch: 159.80m to 189.80m	1	30.00	1.10	1.00	33.00	
	Ch: 189.80m to 219.80m	1	30.00	1.10	1.00	33.00	
	Ch: 219.80m to 229.90m	1	10.10	1.10	1.00	11.11	
	Main Rd @dead end after 3rd cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch: 60.00m to 75.70m	1	15.70	1.10	1.00	17.27	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	Ch: 60.00m to 74.90m	1	14.90	1.10	1.00	16.39	
	Kenchenahalli, Synik Vihar Layout						
	9th main from 6th cross						

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 204.80m to 224.60m	1	19.80	1.10	1.00	21.78	
	Culvert						
	Synik Vihar Layout						
	11th Main						
	LHS	1	9.80	1.50	1.00	14.70	
		1	9.80	1.50	1.00	14.70	
		1	10.00	1.50	1.00	15.00	
		1	6.80	1.50	1.00	10.20	
		1	8.10	1.50	1.00	12.15	
	RHS	1	6.20	1.50	1.00	9.30	
	5th cross	1	5.70	1.50	1.00	8.55	
	9th main road	1	6.80	1.50	1.00	10.20	
	Suryavamshi Layout						
	DS Max Layout Entrance	1	6.60	1.50	1.00	9.90	
					Total Qty	**6640.00**	**Cum**
					Deduct Qty Paid in 1st Bill	**5523.74**	**Cum**
					Qty to be Paid in 2nd Bill	**1116.26**	**Cum**

cft
Ramajeevi

5/4/2022
AE-2

Contractor

SILICON CONSULTING ENGINEERS
Consultants

Asst. Engineer

Ramasanjeevi
Asst. Executive Engineer
Yelahanka-06 Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 4-5-22, 7-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.						
	RCC Drain						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	Ch: 90.00m to 105.00m	1	15.00	1.10	0.15	2.48	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	Ch: 90.00m to 120.00m	1	30.00	1.10	0.15	4.95	
	Ch: 120.00m to 125.60m	1	5.60	1.10	0.15	0.92	
	Ch: 125.60m to 129.80m	1	4.20	1.10	0.15	0.69	
	Culvert Gap						
	Ch: 129.80m to 159.80m	1	30.00	1.10	0.15	4.95	
	Ch: 159.80m to 189.80m	1	30.00	1.10	0.15	4.95	
	Ch: 189.80m to 219.80m	1	30.00	1.10	0.15	4.95	
	Ch: 219.80m to 229.90m	1	10.10	1.10	0.15	1.67	
	Main Rd @dead end after 3rd cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 75.70m	1	15.70	1.10	0.15	2.59	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	Ch: 60.00m to 74.90m	1	14.90	1.10	0.15	2.46	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Gap						
	Ch: 100.30m to 116.40m	1	16.10	0.30	0.15	0.72	
	5th main						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.15	1.35	
	Ch: 30.00m to 56.80m	1	26.80	0.30	0.15	1.21	
	Road gap						
	Ch: 56.80m to 86.80m	1	30.00	0.30	0.15	1.35	
	Ch: 86.80m to 116.70m	1	29.90	0.30	0.15	1.35	
	Road gap						
	Ch: 116.70m to 146.70m	1	30.00	0.30	0.15	1.35	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.15	1.35	
	Ch: 30.00m to 60.00m	1	30.00	0.30	0.15	1.35	
	Ch: 60.00m to 90.00m	1	30.00	0.30	0.15	1.35	
	Ch: 90.00m to 120.00m	1	30.00	0.30	0.15	1.35	
	Ch: 120.00m to 135.60m	1	15.60	0.30	0.15	0.70	
					Total Qty	**1307.33**	**Cum**
					Deduct Qty Paid in 1st Bill	**938.64**	**Cum**
					Qty to be Paid in 2nd Bill	**368.69**	**Cum**

7/5/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 7-5-22, 12-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.						
	RCC Drain						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Total Drain Length=105.00m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @150mm c/c						
	d=0.61kg/m						
	No of U Bars=875	875	2.10		0.61	1120.88	
	No of distrubution Bars=14	14	105.00		0.61	896.70	
	RHS						
	Total Drain Length=229.90m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @150mm c/c						
	d=0.61kg/m						
	No of U Bars=1915	1915	2.10		0.61	2453.12	
	No of distrubution Bars=14	14	229.90		0.61	1963.35	
	Main Rd @dead end after 3rd cross						
	LHS						
	Total Drain Length=75.50m						
	Main Bar 10mm dia @120mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @150mm c/c						
	d=0.61kg/m						
	No of U Bars=629	629	2.10		0.61	805.75	
	No of distrubution Bars=14	14	75.50		0.61	644.77	
	RHS						
	Total Drain Length=74.90m						

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Executive Engineer
Asst. Exec. Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @140mm c/c						
	d=0.61kg/m						
	No of U Bars=1797	1797	2.10		0.61	2301.96	
	No of distrubution Bars=14	14	224.60		0.61	1918.08	
	Culvert						
	Total Drain Length=69.80m						
	Main Bar 12mm dia @165mm c/c						
	d=0.89kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of U Bars=846	846	2.40		0.89	1807.06	
	No of distrubution Bars=26	26	69.80		0.61	1107.03	
						117380.03	
					Total Qty	**117.38**	**Tn**
					Deduct Qty Paid in 1st Bill	**97.12**	**Tn**
					Qty to be Paid in 2nd Bill	**20.26**	**Tn**

12(5)2022
AE-02

Ramchandrappa.
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SMS CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 17-5-22, 24-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.						
	RCC Drain Raft						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	Ch: 60.00m to 90.00m	1	30.00	0.90	0.15	4.05	
	Ch: 90.00m to 105.00m	1	15.00	0.90	0.15	2.03	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	Ch: 60.00m to 90.00m	1	30.00	0.90	0.15	4.05	
	Ch: 90.00m to 120.00m	1	30.00	0.90	0.15	4.05	
	Ch: 120.00m to 125.60m	1	5.60	0.90	0.15	0.76	
	Ch: 125.60m to 129.80m	1	4.20	0.90	0.15	0.57	
	Culvert Gap						
	Ch: 129.80m to 159.80m	1	30.00	0.90	0.15	4.05	
	Ch: 159.80m to 189.80m	1	30.00	0.90	0.15	4.05	
	Ch: 189.80m to 219.80m	1	30.00	0.90	0.15	4.05	
	Ch: 219.80m to 229.90m	1	10.10	0.90	0.15	1.36	
	Main Rd @dead end after 3rd cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	Ch: 60.00m to 75.70m	1	15.70	0.90	0.15	2.12	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	Ch: 60.00m to 74.90m	1	14.90	0.90	0.15	2.01	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	5th cross	1	5.70	1.20	0.20	1.37	
	9th main road	1	6.80	1.20	0.20	1.63	
	Suryavamshi Layout						
	DS Max Layout Entrance	1	6.60	1.20	0.20	1.58	
	Culvert Wall						
	Synik Vihar Layout						
	11th Main						
	LHS	2	9.80	0.23	0.60	2.70	
		2	9.80	0.23	0.60	2.70	
		2	10.00	0.23	0.60	2.76	
		2	6.80	0.23	0.60	1.88	
		2	8.10	0.23	0.60	2.24	
	RHS	2	6.20	0.23	0.60	1.71	
	5th cross	2	5.70	0.23	0.60	1.57	
	9th main road	2	6.80	0.23	0.60	1.88	
	Suryavamshi Layout						
	DS Max Layout Entrance	2	6.60	0.23	0.60	1.82	
					Total Qty	1914.62	Cum
					Deduct Qty Paid in 1st Bill	1588.93	Cum
					Qty to be Paid in 2nd Bill	325.69	Cum

24/5/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 17.5.22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.						
	For Kerb						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch: 30.00m to 60.00m	1	30.00	0.20	0.10	0.60	
	Ch: 60.00m to 90.00m	1	30.00	0.20	0.10	0.60	
	Ch: 90.00m to 105.00m	1	15.00	0.20	0.10	0.30	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch: 30.00m to 60.00m	1	30.00	0.20	0.10	0.60	
	Ch: 60.00m to 90.00m	1	30.00	0.20	0.10	0.60	
	Ch: 90.00m to 120.00m	1	30.00	0.20	0.10	0.60	
	Ch: 120.00m to 125.60m	1	5.60	0.20	0.10	0.11	
	Ch: 125.60m to 129.80m	1	4.20	0.20	0.10	0.08	
	Culvert Gap						
	Ch: 129.80m to 159.80m	1	30.00	0.20	0.10	0.60	
	Ch: 159.80m to 189.80m	1	30.00	0.20	0.10	0.60	
	Ch: 189.80m to 219.80m	1	30.00	0.20	0.10	0.60	
	Ch: 219.80m to 229.90m	1	10.10	0.20	0.10	0.20	
	Main Rd @dead end after 3rd cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch: 30.00m to 60.00m	1	30.00	0.20	0.10	0.60	
	Ch: 60.00m to 75.70m	1	15.70	0.20	0.10	0.31	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch: 30.00m to 60.00m	1	30.00	0.20	0.10	0.60	
	Ch: 60.00m to 74.90m	1	14.90	0.20	0.10	0.30	

Contractor

SILICON CONSULTING Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub_Divison
(BBMP Ynk. Zone)
Asst. Exec. Engineer
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 30.00m to 60.00m	1	30.00	0.30	0.10	0.90	
	Ch: 60.00m to 90.00m	1	30.00	0.30	0.10	0.90	
	Ch: 90.00m to 120.00m	1	30.00	0.30	0.10	0.90	
	Ch: 120.00m to 135.60m	1	15.60	0.30	0.10	0.47	
					Total Qty	**279.40**	**Cum**
					Deduct Qty Paid in 1st Bill	**145.68**	**Cum**
					Qty to be Paid in 2nd Bill	**133.72**	**Cum**

17/5/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 5-5-22, 7-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2	0.30	50.40	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2	0.30	51.75	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2	0.30	16.25	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2	0.30	53.10	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2	0.30	5.22	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2	0.30	54.90	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2	0.30	17.85	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2	0.30	48.15	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2	0.30	35.40	
	Opposite DS Max-Streak Appartment Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2	0.30	52.20	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 0.00m to 3.00m	1	3.00	$\frac{7.40 + 4.90}{2}$	0.30	5.54	
	Ch: 3.00m to 26.00m	1	23.00	$\frac{4.90 + 3.60}{2}$	0.30	29.33	

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 6-5-22, 9-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2		168.00	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2		172.50	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2		54.15	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2		177.00	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2		17.40	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2		183.00	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2		59.50	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2		160.50	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2		118.00	
	Opposite DS Max-Streak Appartment Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2		174.00	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.50)/2		168.00	
	Ch: 60.00m to 90.00m	1	30.00	(5.50 + 5.40)/2		163.50	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Assistant Engineer

Asst. Executive Engineer
(BBMP Ynk. Zn)

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 102.40m to 109.90m	1	7.50	3.40 + 3.20 / 2				24.75	
							Total Qty	20604.67	Sqm
							Deduct Qty Paid in 1st Bill	13604.75	Sqm
							Qty to be Paid in 2nd Bill	6999.92	Sqm
							Upto 125%	5935.75	Sqm
							Above 125%	1064.17	Sqm

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 12-5-22, 14-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density,						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2	0.15	25.20	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2	0.15	25.88	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2	0.15	8.12	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2	0.15	26.55	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2	0.15	2.61	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2	0.15	27.45	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2	0.15	8.93	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2	0.15	24.08	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2	0.15	17.70	
	Opposite DS Max-Streak Appartment Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2	0.15	26.10	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Asst. Exec. Engineer
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 263.30m to 293.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.15	5.40	
	Ch: 293.30m to 323.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.15	5.40	
	Ch: 323.30m to 353.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.15	5.40	
	Ch: 353.30m to 383.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.15	5.40	
	Ch: 383.30m to 411.00m	1	27.70	$\frac{1.20 + 1.20}{2}$	0.15	4.99	
					Total Qty	2498.49	Cum
					Deduct Qty Paid in 1st Bill	1652.20	Cum
					Qty to be Paid in 2nd Bill	846.30	Cum

AE-32

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 17-5-22, 24-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2	0.20	33.60	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2	0.20	34.50	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2	0.20	10.83	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2	0.20	35.40	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2	0.20	3.48	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2	0.20	36.60	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2	0.20	11.90	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2	0.20	32.10	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2	0.20	23.60	
	Opposite DS Max-Streak Appartment Rd						

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 233.30m to 263.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.25	9.00	
	Ch: 263.30m to 293.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.25	9.00	
	Ch: 293.30m to 323.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.25	9.00	
	Ch: 323.30m to 353.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.25	9.00	
	Ch: 353.30m to 383.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.25	9.00	
	Ch: 383.30m to 411.00m	1	27.70	$\frac{1.20 + 1.20}{2}$	0.25	8.31	
					Total Qty	**3355.98**	**Cum**
					Deduct Qty Paid in 1st Bill	**2202.93**	**Cum**
					Qty to be Paid in 2nd Bill	**1153.06**	**Cum**

9/5/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 30-5-22, 2-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision.						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2		168.00	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2		172.50	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2		54.15	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2		177.00	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2		17.40	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2		183.00	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2		59.50	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2		160.50	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2		118.00	
	Opposite DS Max-Streak Appartment Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2		174.00	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 263.30m to 293.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 293.30m to 323.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 323.30m to 353.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 353.30m to 383.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 383.30m to 411.00m	1	27.70	(1.20 + 1.20) / 2		33.24	
					Total Qty	**16656.62**	**Sqm**
					Deduct Qty Paid in 1st Bill	**11014.64**	**Sqm**
					Qty to be Paid in 2nd Bill	**5641.98**	**Sqm**

AE

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 30-5-22, 2-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2	0.05	8.40	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2	0.05	8.63	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2	0.05	2.71	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2	0.05	8.85	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2	0.05	0.87	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2	0.05	9.15	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2	0.05	2.98	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2	0.05	8.03	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2	0.05	5.90	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Exec. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 233.30m to 263.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.05	1.80	
	Ch: 263.30m to 293.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.05	1.80	
	Ch: 293.30m to 323.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.05	1.80	
	Ch: 323.30m to 353.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.05	1.80	
	Ch: 353.30m to 383.30m	1	30.00	$\frac{1.20 + 1.20}{2}$	0.05	1.80	
	Ch: 383.30m to 411.00m	1	27.70	$\frac{1.20 + 1.20}{2}$	0.05	1.66	
					Total Qty	832.83	Cum
					Deduct Qty Paid in 1st Bill	550.73	Cum
					Qty to be Paid in 2nd Bill	282.10	Cum

21/6/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Exec. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 1-6-22, 3-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.						
	Asphalt Road						
	Surya Vamshi Layout						
	KPM Green Volley						
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2		168.00	
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2		172.50	
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2		54.15	
	Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2		177.00	
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2		17.40	
	Green Springs						
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2		183.00	
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2		59.50	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2		160.50	
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2		118.00	
	Opposite DS Max-Streak Appartment Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2		174.00	

Contractor

SILICON CONSULTING ENGINEERS Consultants

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 263.30m to 293.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 293.30m to 323.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 323.30m to 353.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 353.30m to 383.30m	1	30.00	(1.20 + 1.20) / 2		36.00	
	Ch: 383.30m to 411.00m	1	27.70	(1.20 + 1.20) / 2		33.24	
					Total Qty	16656.62	Sqm
					Deduct Qty Paid in 1st Bill	11014.64	Sqm
					Qty to be Paid in 2nd Bill	5641.98	Sqm

3/6/2021
AEE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 7-5-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr						
	CC Road						
	5th Phase						
	1st A cross						
	Ch: 0.00m to 10.00m	1	10.00	(5.80 + 6.00)/2	0.15	8.85	
	Ch: 10.00m to 20.00m	1	10.00	(6.00 + 12.60)/2	0.15	13.95	
	Ch: 20.00m to 30.00m	1	10.00	(12.60 + 15.10)/2	0.15	20.78	
	Ch: 30.00m to 40.00m	1	10.00	(15.10 + 6.70)/2	0.15	16.35	
	Ch: 40.00m to 50.70m	1	10.70	(6.70 + 7.80)/2	0.15	11.64	
	House Front						
	NLIG-1	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00	
	NLIG-2	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00	
	NLIG-4	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00	
	1st B cross						
	Ch: 0.00m to 10.00m	1	10.00	(5.40 + 6.40)/2	0.15	8.85	
	Ch: 10.00m to 20.00m	1	10.00	(6.40 + 11.10)/2	0.15	13.13	
	Ch: 20.00m to 30.00m	1	10.00	(11.10 + 5.40)/2	0.15	12.38	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 26.00m to 56.00m	1	30.00	3.60	+ 2	3.90	0.15	16.88	
	Ch: 56.00m to 86.00m	1	30.00	3.90	+ 2	3.80	0.15	17.33	
	Ch: 86.00m to 98.60m	1	12.60	3.80	+ 2	4.20	0.15	7.56	
	4th cross								
	Ch: 0.00m to 7.00m	1	7.00	7.20	+ 2	6.10	0.15	6.98	
	Ch: 7.00m to 27.20m	1	20.20	6.10	+ 2	4.90	0.15	16.67	
	Ch: 27.20m to 57.20m	1	30.00	5.80	+ 2	5.30	0.15	24.98	
	Ch: 57.20m to 72.40m	1	15.20	5.30	+ 2	5.90	0.15	12.77	
	Ch: 72.40m to 102.40m	1	30.00	3.90	+ 2	3.40	0.15	16.43	
	Ch: 102.40m to 109.90m	1	7.50	3.40	+ 2	3.20	0.15	3.71	
	Synik Vihar Layout								
	6th Main 5th Cross								
	Ch: 0.00m to 24.30m	1	24.30	4.90	+ 2	5.40	0.15	18.77	
							Total Qty	**689.91**	**Cum**
							Deduct Qty Paid in 1st Bill	**393.47**	**Cum**
							Qty to be Paid in 2nd Bill	**296.44**	**Cum**

7/5/2022
AE-02

Asst. Executive Engine
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

MEASUREMENT SHEETS

"SECOND AND FINAL BILL"

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Item No	Detailed Measurements / Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	Vide Premeasurement page no.					1116.26			
					Total Qty	1116.26	Cum	217.43	242708.41
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well								
	Vide Premeasurement page no.					368.69			
					Total Qty	368.69	Cum	5675.99	2092686.43
3	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary								
	Vide Premeasurement page no.					20.26			
					Total Qty	20.26	Tn	80948.07	1640129.97
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including								
	Vide Premeasurement page no.					325.69			
					Total Qty	325.69	Cum	7497.22	2441775.58
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in								
	Vide Premeasurement page no.					133.72			
					Total Qty	133.72	Cum	6089.85	814324.08
15	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location								
	Vide Premeasurement page no.					2247.94			
					Total Qty	2247.94	Cum	64.58	145171.71
16	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								
	Vide Premeasurement page no.					5935.75			
					Total Qty	5935.75	Sqm	6.42	38107.55
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on								
	Vide Premeasurement page no.					846.30			
					Total Qty	846.30	Cum	2014.87	1705178.44

AE-02

Ramaiyaraih
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers								
	Vide Premeasurement page no.					1153.06			
					Total Qty	**1153.06**	**Cum**	**2021.29**	**2330660.56**
20	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V								
	Vide Premeasurement page no.					5641.98			
					Total Qty	**5641.98**	**Sqm**	**34.26**	**193294.23**
21	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory								
	Vide Premeasurement page no.					282.10			
					Total Qty	**282.10**	**Cum**	**7365.73**	**2077865.07**
22	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per								
	Vide Premeasurement page no.					5641.98			
					Total Qty	**5641.98**	**Sqm**	**12.85**	**72499.44**
24	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-								
	Vide Premeasurement page no.					296.44			
					Total Qty	**296.44**	**Cum**	**4101.90**	**1215978.52**

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Asst Executive Engineer
Yelahanka, Bangalore

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 30-5-22, 2-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.						
	RCC Drain Covering Slab						
	Nagenahalli Layout						
	Main Rd						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00	
	Ch: 90.00m to 105.00m	1	15.00	0.90		13.50	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00	
	Ch: 90.00m to 120.00m	1	30.00	0.90		27.00	
	Ch: 120.00m to 125.60m	1	5.60	0.90		5.04	
	Ch: 125.60m to 129.80m	1	4.20	0.90		3.78	
	Culvert Gap						
	Ch: 129.80m to 159.80m	1	30.00	0.90		27.00	
	Ch: 159.80m to 189.80m	1	30.00	0.90		27.00	
	Ch: 189.80m to 219.80m	1	30.00	0.90		27.00	
	Ch: 219.80m to 229.90m	1	10.10	0.90		9.09	
	Main Rd @dead end after 3rd cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch: 60.00m to 75.70m	1	15.70	0.90		14.13	
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch: 60.00m to 74.90m	1	14.90	0.90		13.41	
	Kenchenahalli, Synik Vihar Layout						
	9th main from 6th cross						
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00	
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00	
	Ch: 60.00m to 67.40m	1	7.40	0.90		6.66	

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
	Ch: 0.00m to 23.30m	10	0.60	0.90		5.40			
	House gap								
	Ch: 23.30m to 53.30m	13	0.60	0.90		7.02			
	Ch: 53.30m to 57.90m	2	0.60	0.90		1.08			
	Synik vihar Layout								
	11th Main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
	Culvert Gap								
	Ch: 90.00m to 120.00m	1	30.00	0.90		27.00			
	Ch: 120.00m to 134.90m	1	14.90	0.90		13.41			
	Culvert Gap								
	Ch: 134.90m to 164.90m	1	30.00	0.90		27.00			
	Ch: 164.90m to 184.70m	1	19.80	0.90		17.82			
	Culvert Gap								
	Ch: 184.70m to 212.00m	1	27.30	0.90		24.57			
	Culvert Gap								
	Ch: 212.00m to 238.10m	1	26.10	0.90		23.49			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
	Ch: 90.00m to 120.00m	1	30.00	0.90		27.00			
	Ch: 120.00m to 144.80m	1	24.80	0.90		22.32			
	Culvert Gap								
	Ch: 144.80m to 174.80m	1	30.00	0.90		27.00			
	Ch: 174.80m to 204.80m	1	30.00	0.90		27.00			
	Ch: 204.80m to 224.60m	1	19.80	0.90		17.82			
	For shoulders	25	1.35	0.60		20.25			
					Total Qty	**5224.20**	**Sqm**		
					Deduct Qty Paid in 1st Bill	**3516.80**	**Sqm**		
					Qty to be Paid in 2nd Bill	**1707.41**	**Sqm**		
					Upto 125%	**879.20**	**Sqm**	**1941.22**	**1706710.92**
					Above 125%	**828.21**	**Sqm**	**1941.22**	**1607737.82**

Checked 21/6/2012
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultants

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 1-6-22, 3-6-22.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
9	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.								
	Culvert								
	Nagenahalli Layout								
	1st cross RS	1	5.60	1.20		6.72			
	2nd cross RS	1	5.60	1.20		6.72			
	3rd cross RS	1	5.60	1.20		6.72			
	2nd cross LS	1	6.00	1.20		7.20			
	3rd cross LS	1	6.30	1.20		7.56			
	Balaji Layout								
	1st cross	1	6.70	1.20		8.04			
	2nd cross	1	6.80	1.20		8.16			
	3rd cross	1	7.40	1.20		8.88			
	4th cross	1	6.80	1.20		8.16			
	5th cross	1	6.20	1.20		7.44			
	6th cross	1	7.40	1.20		8.88			
	7th cross	1	6.80	1.20		8.16			
	8th cross	1	6.70	1.20		8.04			
	Synik Vihar Layout								
	6th main 6th cross RHS								
		1	6.70	1.20		8.04			
		1	6.20	1.20		7.44			
	6th main 5th cross LS								
		1	5.50	1.20		6.60			
	6th main 3rd cross LS								
		1	5.50	0.90		4.95			
	Naidu Layout								
	5th main	1	7.80	1.20		9.36			
	6th main	1	6.30	1.20		7.56			
	7th main	1	6.20	1.20		7.44			
	8th main	1	6.80	1.20		8.16			
	From Opp. End RHS								
		1	6.30	1.50		9.45			
	5th Phase								
	5th main LHS	1	8.40	1.50		12.60			
		1	17.30	1.50		25.95			
		1	5.50	1.20		6.60			
	Naidu Layout Boyakonda Gangamma Temple Lead off								
		1	10.10	1.20		12.12			
	Opp. DS Max Streak Appt								
		1	6.80	1.20		8.16			
	Culvert Raft								

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Synik Vihar Layout								
	11th Main								
	LHS								
		1	9.80	1.20		11.76			
		1	9.80	1.20		11.76			
		1	10.00	1.20		12.00			
		1	6.80	1.20		8.16			
		1	8.10	1.20		9.72			
	RHS	1	6.20	1.20		7.44			
	5th cross	1	5.70	1.20		6.84			
	9th main road	1	6.80	1.20		8.16			
	Suryavamshi Layout								
	DS Max Layout Entrance	1	6.60	1.20		7.92			
					Total Qty	**318.87**	**Sqm**		
					Deduct Qty Paid in 1st Bill	**235.11**	**Sqm**		
					Qty to be Paid in 2nd Bill	**83.76**	**Sqm**	**4530.86**	**379504.83**

3/6/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 24-5-22, 27-5-22, 2-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete.								
	Kerb								
	Nagenahalli Layout								
	Main Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 105.00m	1	15.00			15.00			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 125.60m	1	5.60			5.60			
	Ch: 125.60m to 129.80m	1	4.20			4.20			
	Culvert Gap								
	Ch: 129.80m to 159.80m	1	30.00			30.00			
	Ch: 159.80m to 189.80m	1	30.00			30.00			
	Ch: 189.80m to 219.80m	1	30.00			30.00			
	Ch: 219.80m to 229.90m	1	10.10			10.10			
	Main Rd @dead end after 3rd cross								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 75.70m	1	15.70			15.70			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 74.90m	1	14.90			14.90			
	Kenchenahalli, Synik Vihar Layout								
	9th main from 6th cross								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 67.40m	1	7.40			7.40			
	RHS								

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Road Gap								
	Ch: 23.70m to 36.00m	1	12.30			12.30			
	Road Gap								
	Ch: 36.00m to 66.00m	1	30.00			30.00			
	Ch: 66.00m to 67.60m	1	1.60			1.60			
	Road Gap								
	Ch: 67.60m to 93.60m	1	26.00			26.00			
	Road Gap								
	Ch: 93.60m to 105.80m	1	12.20			12.20			
	Road Gap								
	Ch: 105.80m to 129.60m	1	23.80			23.80			
	Road Gap								
	Ch: 129.60m to 155.10m	1	25.50			25.50			
	Road Gap								
	Ch: 155.10m to 156.30m	1	1.20			1.20			
	House gap								
	Ch: 156.30m to 168.90m	1	12.60			12.60			
	Road Gap								
	Ch: 168.90m to 182.20m	1	13.30			13.30			
	Deduction of Trees	-80	1.00			-80.00			
	2nd Bill								
	RCC Drain								
	Balaji Layout								
	1st Main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 49.00m	1	29.00			29.00			
	House gap								
	Ch: 49.00m to 89.00m	1	30.00			30.00			
	Ch: 89.00m to 107.50m	1	18.50			18.50			
	House gap								
	Ch: 107.50m to 119.50m	1	12.00			12.00			
	House gap								
	Ch: 119.50m to 149.50m	1	30.00			30.00			
	Ch: 149.50m to 179.50m	1	30.00			30.00			
	Ch: 179.50m to 209.50m	1	30.00			30.00			
	Ch: 209.50m to 239.50m	1	30.00			30.00			
	Ch: 239.50m to 269.50m	1	30.00			30.00			
	Ch: 269.50m to 276.80m	1	7.30			7.30			
	RHS								
	From 8th cross								
	Ch: 0.00m to 12.60m	1	12.60			12.60			
	House gap								
	Ch: 12.60m to 21.90m	1	9.30			9.30			
	7th cross								
	Ch: 0.00m to 25.20m	1	25.20			25.20			
	6th cross								
	Ch: 0.00m to 23.80m	1	23.80			23.80			
	5th cross								

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 24.30m	1	24.30			24.30			
	4th cross								
	Ch: 0.00m to 26.00m	1	26.00			26.00			
	3rd cross								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 31.60m	1	1.60			1.60			
	2nd cross								
	Ch: 0.00m to 12.30m	1	12.30			12.30			
	House gap								
	Ch: 12.30m to 17.30m	1	5.00			5.00			
	1st cross								
	House gap								
	Ch: 0.00m to 10.00m	1	10.00			10.00			
	Synik vihar Layout								
	11th Main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Culvert Gap								
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 134.90m	1	14.90			14.90			
	Culvert Gap								
	Ch: 134.90m to 164.90m	1	30.00			30.00			
	Ch: 164.90m to 184.70m	1	19.80			19.80			
	Culvert Gap								
	Ch: 184.70m to 212.00m	1	27.30			27.30			
	Culvert Gap								
	Ch: 212.00m to 238.10m	1	26.10			26.10			
	For Footpath edges	8	1.45			11.60			
	Deduct	-1	7.00			-7.00			
	RHS for drain from end								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 144.80m	1	24.80			24.80			
	Culvert Gap								
	Ch: 144.80m to 174.80m	1	30.00			30.00			
	Ch: 174.80m to 204.80m	1	30.00			30.00			
	Ch: 204.80m to 224.60m	1	19.80			19.80			
	RHS For Footpath								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 84.10m	1	24.10			24.10			
	Balaji Layout								
	1st Cross								
	LHS								
	House gap								

19/6/20

Contractor

SILICON CONSULTING ENGINEERS Consultants

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 29.70m	1	29.70			29.70			
	RHS								
	Ch: 0.00m to 19.00m	1	19.00			19.00			
	House gap								
	Ch: 19.00m to 23.80m	1	4.80			4.80			
	Road gap								
	Ch: 23.80m to 28.10m	1	4.30			4.30			
	2nd Cross								
	LHS								
	Ch: 0.00m to 18.80m	1	18.80			18.80			
	House gap								
	Ch: 18.80m to 30.50m	1	11.70			11.70			
	House gap								
	Ch: 30.50m to 41.50m	1	11.00			11.00			
	RHS								
	Ch: 0.00m to 26.00m	1	26.00			26.00			
	House gap								
	Ch: 26.00m to 40.00m	1	14.00			14.00			
	House gap								
	Ch: 40.00m to 43.30m	1	3.30			3.30			
	3rd Cross								
	LHS								
	Ch: 0.00m to 13.00m	1	13.00			13.00			
	House gap								
	Ch: 13.00m to 43.00m	1	30.00			30.00			
	Ch: 43.00m to 60.80m	1	17.80			17.80			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 50.80m	1	20.80			20.80			
	House gap								
	Ch: 50.80m to 58.10m	1	7.30			7.30			
	4th Cross								
	LHS								
	Ch: 0.00m to 6.00m	1	6.00			6.00			
	House gap								
	Ch: 6.00m to 29.00m	1	23.00			23.00			
	RHS								
	Ch: 0.00m to 12.50m	1	12.50			12.50			
	House gap								
	Ch: 12.50m to 42.50m	1	30.00			30.00			
	Ch: 42.50m to 47.40m	1	4.90			4.90			
	5th Cross								
	LHS								
	Ch: 0.00m to 23.00m	1	23.00			23.00			
	House gap								
	Ch: 23.00m to 38.70m	1	15.70			15.70			
	RHS								
	House gap								
	Ch: 0.00m to 30.00m	1	30.00			30.00			

19/6/2020

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 5.20m	1	5.20			5.20			
	Gap								
	Ch: 5.20m to 8.40m	1	3.20			3.20			
	Gap								
	Ch: 8.40m to 10.50m	1	2.10			2.10			
	Gap								
	Ch: 10.50m to 27.60m	1	17.10			17.10			
	4th cross, LHS								
	Ch: 0.00m to 6.30m	1	6.30			6.30			
	Gap								
	Ch: 6.30m to 7.70m	1	1.40			1.40			
	Gap								
	Ch: 7.70m to 13.70m	1	6.00			6.00			
	Gap								
	Ch: 13.70m to 16.70m	1	3.00			3.00			
	RHS								
	Ch: 0.00m to 19.60m	1	19.60			19.60			
	Surya Vamshi Layout main road								
	LHS								
	Ch: 0.00m to 26.00m	1	26.00			26.00			
	House gap								
	Ch: 26.00m to 47.20m	1	21.20			21.20			
	House gap								
	Ch: 47.20m to 51.20m	1	4.00			4.00			
	House gap								
	Ch: 51.20m to 59.10m	1	7.90			7.90			
	House gap								
	Ch: 59.10m to 65.20m	1	6.10			6.10			
	House gap								
	Ch: 65.20m to 95.20m	1	30.00			30.00			
	Ch: 95.20m to 120.30m	1	25.10			25.10			
	Culvert gap								
	Ch: 120.30m to 145.10m	1	24.80			24.80			
	House gap								
	Ch: 145.10m to 165.30m	1	20.20			20.20			
	House gap								
	Ch: 165.30m to 195.30m	1	30.00			30.00			
	Ch: 195.30m to 201.50m	1	6.20			6.20			
	House gap								
	Ch: 201.50m to 231.50m	1	30.00			30.00			
	Ch: 231.50m to 238.60m	1	7.10			7.10			
	RHS From top								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 71.10m	1	11.10			11.10			
	House gap								
	Ch: 71.10m to 79.50m	1	8.40			8.40			
	House gap								
	Ch: 79.50m to 93.50m	1	14.00			14.00			

Contractor

CON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	House gap								
	Ch: 93.50m to 108.70m	1	15.20			15.20			
	Road gap								
	Ch: 108.70m to 138.70m	1	30.00			30.00			
	Ch: 138.70m to 162.30m	1	23.60			23.60			
	Road gap								
	Ch: 162.30m to 187.60m	1	25.30			25.30			
	Synik Vihar layout 5th main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 56.80m	1	26.80			26.80			
	Road gap								
	Ch: 56.80m to 86.80m	1	30.00			30.00			
	Ch: 86.80m to 116.70m	1	29.90			29.90			
	Road gap								
	Ch: 116.70m to 146.70m	1	30.00			30.00			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 135.60m	1	15.60			15.60			
						8877.60	m		
					Total Qty	19728.00	Nos		
					Deduct Qty Paid in 1st Bill	14184.00	Nos		
					Qty to be Paid in 2nd Bill	5544.00	Nos	436.80	2421619.20

2/6/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 4-6-22, 8-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	For Kerb								
	Nagenahalli Layout								
	Main Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 90.00m	1	30.00		0.35	10.50			
	Ch: 90.00m to 105.00m	1	15.00		0.35	5.25			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 90.00m	1	30.00		0.35	10.50			
	Ch: 90.00m to 120.00m	1	30.00		0.35	10.50			
	Ch: 120.00m to 125.60m	1	5.60		0.35	1.96			
	Ch: 125.60m to 129.80m	1	4.20		0.35	1.47			
	Culvert Gap								
	Ch: 129.80m to 159.80m	1	30.00		0.35	10.50			
	Ch: 159.80m to 189.80m	1	30.00		0.35	10.50			
	Ch: 189.80m to 219.80m	1	30.00		0.35	10.50			
	Ch: 219.80m to 229.90m	1	10.10		0.35	3.54			
	Main Rd @dead end after 3rd cross								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 75.70m	1	15.70		0.35	5.50			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 74.90m	1	14.90		0.35	5.22			
	Kenchenahalli, Synik Vihar Layout								
	9th main from 6th cross								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 67.40m	1	7.40		0.35	2.59			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Ramarajeevan
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 95.20m to 120.30m	1	25.10		0.35	8.79			
	Culvert gap								
	Ch: 120.30m to 145.10m	1	24.80		0.35	8.68			
	House gap								
	Ch: 145.10m to 165.30m	1	20.20		0.35	7.07			
	House gap								
	Ch: 165.30m to 195.30m	1	30.00		0.35	10.50			
	Ch: 195.30m to 201.50m	1	6.20		0.35	2.17			
	House gap								
	Ch: 201.50m to 231.50m	1	30.00		0.35	10.50			
	Ch: 231.50m to 238.60m	1	7.10		0.35	2.49			
	RHS From top								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 71.10m	1	11.10		0.35	3.89			
	House gap								
	Ch: 71.10m to 79.50m	1	8.40		0.35	2.94			
	House gap								
	Ch: 79.50m to 93.50m	1	14.00		0.35	4.90			
	House gap								
	Ch: 93.50m to 108.70m	1	15.20		0.35	5.32			
	Road gap								
	Ch: 108.70m to 138.70m	1	30.00		0.35	10.50			
	Ch: 138.70m to 162.30m	1	23.60		0.35	8.26			
	Road gap								
	Ch: 162.30m to 187.60m	1	25.30		0.35	8.86			
	Synik Vihar layout 5th main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 56.80m	1	26.80		0.35	9.38			
	Road gap								
	Ch: 56.80m to 86.80m	1	30.00		0.35	10.50			
	Ch: 86.80m to 116.70m	1	29.90		0.35	10.47			
	Road gap								
	Ch: 116.70m to 146.70m	1	30.00		0.35	10.50			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 90.00m	1	30.00		0.35	10.50			
	Ch: 90.00m to 120.00m	1	30.00		0.35	10.50			
	Ch: 120.00m to 135.60m	1	15.60		0.35	5.46			
					Total Qty	**3107.16**	**Sqm**		
					Deduct Qty Paid in 1st Bill	**2233.91**	**Sqm**		
					Qty to be Paid in 2nd Bill	**873.25**	**Sqm**	**85.65**	**74793.86**

Ramanjaneya
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naldu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 6-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, 60mm thick using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.								
	For Footpath								
	Naldu Layout								
	7th Cross								
	LHS From Main Road								
	Ch: 0.00m to 30.00m	1	30.00	1.10		33.00			
	Ch: 30.00m to 36.20m	1	6.20	1.10		6.82			
	Road Gap								
	Ch: 36.20m to 62.40m	1	26.20	1.05		27.51			
	Road Gap								
	Ch: 62.40m to 92.40m	1	30.00	1.25		37.50			
	Ch: 92.40m to 122.40m	1	30.00	1.10		33.00			
	Ch: 122.40m to 142.80m	1	20.40	1.10		22.44			
	House gap								
	Ch: 142.80m to 172.80m	1	30.00	0.90		27.00			
	Ch: 172.80m to 202.80m	1	30.00	0.80		24.00			
	Ch: 202.80m to 226.70m	1	23.90	1.00		23.90			
	Main Road RHS From dead End								
	Ch: 0.00m to 30.00m	1	30.00	1.10		33.00			
	Ch: 30.00m to 46.10m	1	16.10	1.10		17.71			
	House Gap								
	Ch: 46.10m to 76.10m	1	30.00	1.10		33.00			
	Ch: 76.10m to 106.10m	1	30.00	1.10		33.00			
	Ch: 106.10m to 136.10m	1	30.00	1.10		33.00			
	House Gap								
	Ch: 136.10m to 166.10m	1	30.00	0.90		27.00			
	Ch: 166.10m to 196.10m	1	30.00	0.95		28.50			
	Ch: 196.10m to 226.10m	1	30.00	0.90		27.00			
	Ch: 226.10m to 256.10m	1	30.00	0.95		28.50			
	Ch: 256.10m to 286.10m	1	30.00	0.90		27.00			
	Ch: 286.10m to 290.80m	1	4.70	0.90		4.23			
	Balaji Layout RHS from Main Road								

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer 8/6/2022

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 23.70m	1	23.70	1.40		33.18			
	Road Gap								
	Ch: 23.70m to 36.00m	1	12.30	1.40		17.22			
	Road Gap								
	Ch: 36.00m to 66.00m	1	30.00	1.60		48.00			
	Ch: 66.00m to 67.60m	1	1.60	1.60		2.56			
	Road Gap								
	Ch: 67.60m to 93.60m	1	26.00	1.60		41.60			
	Road Gap								
	Ch: 93.60m to 105.80m	1	12.20	1.45		17.69			
	Road Gap								
	Ch: 105.80m to 129.60m	1	23.80	1.40		33.32			
	Road Gap								
	Ch: 129.60m to 155.10m	1	25.50	1.40		35.70			
	Road Gap								
	Ch: 155.10m to 156.30m	1	1.20	1.40		1.68			
	House gap								
	Ch: 156.30m to 168.90m	1	12.60	1.40		17.64			
	Road Gap								
	Ch: 168.90m to 182.20m	1	13.30	1.00		13.30			
	Deduction of Trees	-40	0.80	0.50		-16.00			
	Deduct For Trees surround								
	Naidu layout								
	Main Road								
	36Nos	-36	0.90	0.65		-21.06			
	Balaji layout								
	Main Road								
	21Nos	-21	0.80	0.60		-10.08			
	Deduct For Shoulder Drain								
	Naidu layout								
	Main Road								
	22Nos *2	-22	1.10	0.60		-14.52			
	Balaji layout								
	Main Road								
	8Nos *2	-8	1.30	0.60		-6.24			
	2nd Bill								
	11th Main								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.30		39.00			
	Ch: 30.00m to 45.00m	1	15.00	1.35		20.25			
	Gap								
	Ch: 45.00m to 75.00m	1	30.00	1.40		42.00			
	Ch: 75.00m to 83.20m	1	8.20	1.45		11.89			
	Gap								

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 83.20m to 113.20m	1	30.00	1.40		42.00			
	Ch: 113.20m to 128.10m	1	14.90	1.40		20.86			
	Gap								
	Ch: 128.10m to 158.10m	1	30.00	1.40		42.00			
	Ch: 158.10m to 177.90m	1	19.80	1.40		27.72			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	1.45		43.50			
	Ch: 30.00m to 60.00m	1	30.00	1.35		40.50			
	Ch: 60.00m to 84.10m	1	24.10	1.20		28.92			
	Deduct For shoulders	-25	1.35	0.60		-20.25			
	Deduct For Trees surround	-52	0.90	0.60		-28.08			
					Total Qty	**1031.41**	**Sqm**		
					Deduct Qty Paid in 1st Bill	**721.10**	**Sqm**		
					Qty to be Paid in 2nd Bill	**310.31**	**Sqm**	**1127.34**	**349824.88**

6/6/2022
AE-02

Asst. Executive Engr
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 2-6-22, 4-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen.								
	Asphalt Road								
	Surya Vamshi Layout								
	KPM Green Volley								
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.70)/2	0.04	6.72			
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.80)/2	0.04	6.90			
	Ch: 60.00m to 69.50m	1	9.50	(5.80 + 5.60)/2	0.04	2.17			
	Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2	0.04	7.08			
	Ch: 30.00m to 33.00m	1	3.00	(5.80 + 5.80)/2	0.04	0.70			
	Green Springs								
	Ch: 0.00m to 30.00m	1	30.00	(6.30 + 5.90)/2	0.04	7.32			
	Ch: 30.00m to 40.00m	1	10.00	(5.90 + 6.00)/2	0.04	2.38			
	4th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 6.00)/2	0.04	6.42			
	Ch: 30.00m to 50.00m	1	20.00	(6.00 + 5.80)/2	0.04	4.72			
	Opposite DS Max-Streak Appartment Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.90 + 5.70)/2	0.04	6.96			
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.50)/2	0.04	6.72			
	Ch: 60.00m to 90.00m	1	30.00	(5.50 + 5.40)/2	0.04	6.54			
	Ch: 90.00m to 120.00m	1	30.00	(5.40 + 5.10)/2	0.04	6.30			
	Ch: 120.00m to 148.10m	1	28.10	(5.10 + 4.80)/2	0.04	5.56			

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Nagenahallii								
	Nagenahalli Layout Main Rd								
	Ch: 0.00m to 4.00m	1	4.00	(5.25 + 5.25)/2	0.04	0.84			
	Ch: 4.00m to 34.00m	1	30.00	(4.60 + 5.90)/2	0.04	6.30			
	Ch: 34.00m to 64.00m	1	30.00	(5.90 + 4.90)/2	0.04	6.48			
	Ch: 64.00m to 94.00m	1	30.00	(4.90 + 4.80)/2	0.04	5.82			
	Ch: 94.00m to 124.00m	1	30.00	(4.90 + 4.90)/2	0.04	5.88			
	Ch: 124.00m to 154.00m	1	30.00	(4.90 + 5.05)/2	0.04	5.97			
	Ch: 154.00m to 154.80m	1	0.80	(5.05 + 5.05)/2	0.04	0.16			
	Continued								
	Ch: 154.80m to 184.80m	1	30.00	(4.30 + 5.00)/2	0.04	5.58			
	Ch: 184.80m to 214.80m	1	30.00	(5.00 + 5.75)/2	0.04	6.45			
	Ch: 214.80m to 244.80m	1	30.00	(5.75 + 6.10)/2	0.04	7.11			
	Ch: 244.80m to 274.80m	1	30.00	(6.10 + 8.10)/2	0.04	8.52			
	Ch: 274.80m to 271.80m	1	7.00	(8.10 + 8.00)/2	0.04	2.25			
	Cross Rd Continued								
	Ch: 271.80m to 311.80m	1	30.00	(7.20 + 6.85)/2	0.04	8.43			
	Ch: 311.80m to 341.80m	1	30.00	(6.85 + 6.60)/2	0.04	8.07			
	Ch: 341.80m to 371.80m	1	30.00	(6.60 + 6.65)/2	0.04	7.95			
	Ch: 371.80m to 392.30m	1	20.50	(6.65 + 6.20)/2	0.04	5.27			
	Synik Vihar Layout								
	6th Main 6th Cross Rd								
	Ch: 0.00m to 22.00m	1	22.00	(5.10 + 5.00)/2	0.04	4.44			
	Ch: 22.00m to 52.00m	1	30.00	(4.50 + 5.30)/2	0.04	5.88			
	Ch: 52.00m to 82.00m	1	30.00	(5.30 + 5.75)/2	0.04	6.63			
	Ch: 82.00m to 112.00m	1	30.00	(5.75 + 5.70)/2	0.04	6.87			
	Ch: 112.00m to 142.00m	1	30.00	(5.70 + 5.80)/2	0.04	6.90			

Ramesh

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7th Main Rd								
Ch: 0.00m to 30.00m	1	30.00	(6.00 + 6.40)/2	0.04	7.44			
Ch: 30.00m to 43.10m	1	13.10	(6.40 + 6.50)/2	0.04	3.38			
6th Main								
Ch: 0.00m to 30.00m	1	30.00	(6.30 + 6.20)/2	0.04	7.50			
Ch: 30.00m to 42.20m	1	12.20	(6.20 + 6.00)/2	0.04	2.98			
Deduction of Ramp	-10	1.50	1.00	0.04	-0.60			
Deduction of Man Hole	-25	1.20	1.10	0.04	-1.32			
2nd Bill								
Asphalt Road								
Synik Vihar Layout								
11th Main								
Ch: 0.00m to 30.00m	1	30.00	(7.20 + 7.00)/2	0.04	8.52			
Ch: 30.00m to 60.00m	1	30.00	(7.00 + 6.90)/2	0.04	8.34			
Ch: 60.00m to 90.00m	1	30.00	(6.90 + 6.70)/2	0.04	8.16			
Ch: 90.00m to 120.00m	1	30.00	(6.70 + 6.00)/5	0.04	7.62			
Ch: 120.00m to 150.00m	1	30.00	(6.00 + 6.00)/2	0.04	7.20			
Ch: 150.00m to 180.00m	1	30.00	(6.00 + 6.50)/2	0.04	7.50			
Ch: 180.00m to 207.50m	1	27.50	(6.50 + 6.80)/2	0.04	7.32			
Ramp	1	9.40	(1.60 + 1.50)/2	0.04	0.58			
8th Main								
Ch: 0.00m to 30.00m	1	30.00	(5.10 + 5.10)/2	0.04	6.12			
Ch: 30.00m to 60.00m	1	30.00	(5.10 + 5.70)/2	0.04	6.48			
Ch: 60.00m to 90.00m	1	30.00	(5.70 + 5.70)/2	0.04	6.84			
Ch: 90.00m to 120.00m	1	30.00	(5.70 + 5.50)/5	0.04	6.72			
Ch: 120.00m to 150.00m	1	30.00	(5.50 + 5.90)/2	0.04	6.84			
Ch: 150.00m to 180.00m	1	30.00	(5.90 + 5.80)/2	0.04	7.02			
Ch: 180.00m to 210.00m	1	30.00	(5.80 + 5.80)/2	0.04	6.96			
Ch: 210.00m to 225.40m	1	15.40	(1.60 + 5.70)/2	0.04	2.25			

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Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	7th Main from end								
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.40)/2	0.04	6.42			
	Ch: 30.00m to 60.00m	1	30.00	(5.40 + 5.80)/2	0.04	6.72			
	Ch: 60.00m to 90.00m	1	30.00	(5.80 + 5.10)/2	0.04	6.54			
	Ch: 90.00m to 120.00m	1	30.00	(5.10 + 5.10)/5	0.04	6.12			
	Ch: 120.00m to 150.00m	1	30.00	(5.10 + 5.10)/2	0.04	6.12			
	Ch: 150.00m to 180.00m	1	30.00	(5.10 + 5.20)/2	0.04	6.18			
	Ch: 180.00m to 210.00m	1	30.00	(5.20 + 5.50)/2	0.04	6.42			
	Ch: 210.00m to 212.10m	1	2.10	(1.60 + 5.60)/2	0.04	0.30			
	5th Main								
	Ch: 0.00m to 3.50m	1	3.50	(7.10 + 5.80)/2	0.04	0.90			
	Ch: 3.50m to 33.50m	1	30.00	(5.80 + 5.20)/2	0.04	6.60			
	Ch: 33.50m to 63.50m	1	30.00	(5.20 + 4.90)/2	0.04	6.06			
	Ch: 63.50m to 93.50m	1	30.00	(4.90 + 4.90)/2	0.04	5.88			
	Ch: 93.50m to 123.50m	1	30.00	(4.90 + 4.80)/5	0.04	5.82			
	Ch: 123.50m to 153.50m	1	30.00	(4.80 + 4.80)/2	0.04	5.76			
	Ch: 153.50m to 164.90m	1	11.40	(4.80 + 4.20)/2	0.04	2.05			
	6th main 5th cross cross								
	Ch: 0.00m to 30.00m	1	30.00	(4.50 + 4.30)/2	0.04	5.28			
	Ch: 30.00m to 44.80m	1	14.80	(4.30 + 4.30)/2	0.04	2.55			
	Balaji Layout								
	2nd Main								
	Ch: 0.00m to 30.00m	1	30.00	(6.70 + 5.70)/2	0.04	7.44			
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.20)/2	0.04	6.54			
	Ch: 60.00m to 68.10m	1	8.10	(5.20 + 5.80)/2	0.04	1.78			
	Kenchenahalli Main Road								
	Ch: 0.00m to 9.30m	1	9.30	(1.20 + 1.20)/2	0.04	0.45			

Rameshaprasad
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Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Railway track								
	Ch: 9.30m to 23.30m	1	14.00	(1.20 + 1.20)/2	0.04	0.67			
	Ch: 23.30m to 53.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 53.30m to 83.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 83.30m to 113.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 113.30m to 143.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 143.30m to 173.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 173.30m to 203.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 203.30m to 233.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 233.30m to 263.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 263.30m to 293.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 293.30m to 323.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 323.30m to 353.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 353.30m to 383.30m	1	30.00	(1.20 + 1.20)/2	0.04	1.44			
	Ch: 383.30m to 411.00m	1	27.70	(1.20 + 1.20)/2	0.04	1.33			
					Total Qty	666.26	Cum		
					Deduct Qty Paid in 1st Bill	440.59	Cum		
					Qty to be Paid in 2nd Bill	225.68	Cum	8534.82	1926131.35

19/8/2022

4/6/2022
AE-02

Asst. Executive Engr
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangelore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 3-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
25	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with								
	CC Road								
	5th Phase								
	1st A cross								
	Ch: 0.00m to 10.00m	1	10.00	(5.80 + 6.00)/2	0.15	8.85			
	Ch: 10.00m to 20.00m	1	10.00	(6.00 + 12.60)/2	0.15	13.95			
	Ch: 20.00m to 30.00m	1	10.00	(12.60 + 15.10)/2	0.15	20.78			
	Ch: 30.00m to 40.00m	1	10.00	(15.10 + 6.70)/2	0.15	16.35			
	Ch: 40.00m to 50.70m	1	10.70	(6.70 + 7.80)/2	0.15	11.64			
	House Front								
	NLIG-1	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00			
	NLIG-2	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00			
	NLIG-4	0.5	4.30	(3.10 + 3.10)/2	0.15	1.00			
	1st B cross								
	Ch: 0.00m to 10.00m	1	10.00	(5.40 + 6.40)/2	0.15	8.85			
	Ch: 10.00m to 20.00m	1	10.00	(6.40 + 11.10)/2	0.15	13.13			
	Ch: 20.00m to 30.00m	1	10.00	(11.10 + 5.40)/2	0.15	12.38			
	Ch: 30.00m to 40.00m	1	10.00	(5.40 + 10.40)/2	0.15	11.85			
	Ch: 40.00m to 50.70m	1	10.70	(10.40 + 5.90)/2	0.15	13.08			

Ramesh Jeevaji

Asst. Executive Engineer
Yelahanka Sub. Division
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Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	6th Main 3rd Cross Rd RHS								
	Ch: 0.00m to 23.70m	1	23.70	(5.25 + 5.20)/2	0.15	18.57			
	6th Main 3rd Cross Rd LHS								
	Ch: 0.00m to 21.30m	1	21.30	(5.15 + 5.10)/2	0.15	16.37			
	6th Main 2nd Cross Rd								
	Ch: 0.00m to 20.90m	1	20.90	(5.20 + 5.20)/2	0.15	16.30			
	6th Main 1st Cross Rd								
	Ch: 0.00m to 20.00m	1	20.00	(5.30 + 4.30)/2	0.15	14.40			
	Deduction of Man Hole	-10	1.20	1.10	0.15	-1.98			
	2nd Bill								
	CC Road								
	Surya Vamshi Layout								
	Opp. DS Max Appt								
	Ch: 0.00m to 30.00m	1	30.00	(6.20 + 6.10)/2	0.15	27.68			
	Ch: 30.00m to 51.00m	1	21.00	(6.10 + 5.90)/2	0.15	18.90			
	Surround Ashwath Katte		Avg						
	Ch: 0.00m to 29.90m	1	29.90	(23.40 + 22.20)/2	0.15	102.26			
	Deduction	-1	14.40	(5.50 + 5.50)/2	0.15	-11.88			
	Harohalli								
	6th cross								
	Ch: 0.00m to 3.00m	1	3.00	(7.40 + 4.90)/2	0.15	2.77			
	Ch: 3.00m to 26.00m	1	23.00	(4.90 + 3.60)/2	0.15	14.66			
	Ch: 26.00m to 56.00m	1	30.00	(3.60 + 3.90)/2	0.15	16.88			
	Ch: 56.00m to 86.00m	1	30.00	(3.90 + 3.80)/2	0.15	17.33			
	Ch: 86.00m to 98.60m	1	12.60	(3.80 + 4.20)/2	0.15	7.56			
	4th cross								
	Ch: 0.00m to 7.00m	1	7.00	(7.20 + 6.10)/2	0.15	6.98			
	Ch: 7.00m to 27.20m	1	20.20	(6.10 + 4.90)/2	0.15	16.67			
	Ch: 27.20m to 57.20m	1	30.00	(5.30 + 5.30)/2	0.15	24.98			
	Ch: 57.20m to 72.40m	1	15.20	(5.30 + 5.90)/2	0.15	12.77			

19/6/2012

19/6/2012

Ramaraja Reddy
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 72.40m to 102.40m	1	30.00	3.90 + 3.40 / 2	0.15	16.43			
	Ch: 102.40m to 109.90m	1	7.50	3.40 + 3.20 / 2	0.15	3.71			
	Synik Vihar Layout								
	6th Main 5th Cross								
	Ch: 0.00m to 24.30m	1	24.30	4.90 + 5.40 / 2	0.15	18.77			
					Total Qty	**689.91**	**Cum**		
					Deduct Qty Paid in 1st Bill	**393.47**	**Cum**		
					Qty to be Paid in 2nd Bill	**296.44**	**Cum**	**5690.65**	**1686951.94**

3/6/2022
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangelore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

Detailed Measurements

Measurement Recorded On: 8-6-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								
	2nd Bill								
	Asphalt Road								
	Surya Vamshi Layout								
	KPM Green Volley								
	Ch: 0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 30.00m to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 60.00m to 69.50m	2	9.50	(0.10 + 0.10)/2		1.90			
	Cross Rd								
	Ch: 0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 30.00m to 33.00m	2	3.00	(0.10 + 0.10)/2		0.60			
	Green Springs								
	Ch: 0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 30.00m to 40.00m	2	10.00	(0.10 + 0.10)/2		2.00			
	4th Cross Rd								
	Ch: 0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 30.00m to 50.00m	2	20.00	(0.10 + 0.10)/2		4.00			
	Opposite DS Max-Streak Appartment Rd								
	Ch: 0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 30.00m to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 60.00m to 90.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch: 90.00m to 120.00m	2	30.00	(0.10 + 0.10)/2		6.00			

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Sides	Breadth	Depth	Qty	Unit	Rate	Amount
	Nandadeepa House Rd From dead end	7	2.00			14.00			
	7th Main Rd	6	2.00			12.00			
	6th Main	6	2.00			12.00			
	Synik Vihar Layout								
	11th Main	29	2.00			58.00			
	8th Main	32	2.00			64.00			
	7th Main from end	30	2.00			60.00			
	5th Main	23	2.00			46.00			
	6th main 5th cross cross	6	2.00			12.00			
	Balaji Layout								
	2nd Main	9	2.00			18.00			
					Total Qty	790.00	Nos		
					Deduct Qty Paid in 1st Bill	0.00	Nos		
					Qty to be Paid in 2nd Bill	790.00	Nos		
					Upto 125%	459.00	Nos	360.79	165602.61
					Above 125%	331.00	Nos	360.79	119421.49
								Total Upto Date Amount	88366490.17
								Deduct Amount Paid in 1st Bill	62650752.07
								Amount to be Paid in 2nd Bill	25715738.10
								GST 12%	3085888.57
								GRAND TOTAL	28801626.67

8/6/2022
AE-02

Ramarajeevarh
10/06/2022
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer

Asst. Exec. Engineer